

10/539678

JC09 R004 PCT/PTO 16 JUN 2005

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Hee-Seop KIM et al. Docket: 8054-125 (LW8088PC/US)

Serial No.: Unassigned

Filed: Concurrently herewith

Int'l. Appln. No. PCT/KR2003/002755

Int'l. Filing Date: 17 December 2003

For: ARRAY SUBSTRATE, LIQUID CRYSTAL DISPLAY APPARATUS  
HAVING THE SAME AND METHOD FOR DRIVING LIQUID  
CRYSTAL DISPLAY APPARATUS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It

---

**CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.10**

I hereby certify that this New Application Transmittal and the documents referred to as enclosed therein are being deposited with the United States Postal Service on this date June 16, 2005 in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EV553755109US addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: June 16, 2005

  
Frank Chau

is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

☐ This information disclosure statement is being filed within three (3) months of the filing date of this application.

☒ This information disclosure statement is being filed within three (3) months of the date of entry of the national stage as set forth in 37 C.F.R. § 1.491 in an international application.

☐ To the best of Applicant(s) knowledge, this information disclosure statement is being filed before the date of mailing of a first Office Action on the merits in connection with this case.

☐ Statement under 37 C.F.R. § 1.97(e):

I hereby state that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this statement.

☐ Enclosed herewith is a petition under 37 C.F.R. § 1.97(d)(ii).

☐ Enclosed by check is the petition fee of \$130.00. (37 C.F.R. § 1.17(i)(1))

☐ Please charge the fee of \$130.00 for petition fee by **Credit Card Payment Form PTO-2038** enclosed herewith.

☐ Enclosed by check is the \$180.00 fee required by 37 C.F.R. § 1.17(p).


☐ Please charge the fee of \$180.00 fee required by 37 C.F.R. § 1.17(p) by **Credit Card Payment Form PTO-2038** enclosed herewith.

☒ Please charge any deficiency as well as any other fee(s) which may become due under 37 C.F.R. § 1.16 and/or 1.17 at any time during the pendency of this application, or credit any overpayment of such fee(s) to Deposit Account 50-0679. Also, in the event any extensions of time for responding are required for the pending application(s), please treat this paper as a petition to extend the time as required and charge Deposit Account No. 50-0679 therefor. **TWO (2) COPIES OF THIS SHEET ARE ENCLOSED.**

The claims of the application as now presented are believed to patentably distinguish over the prior art and to be in condition for allowance. Early and favorable consideration of the case is respectfully requested.

Respectfully submitted,

By:

  
\_\_\_\_\_  
Frank Chau  
Reg. No. 34,136  
Attorney for Applicant(s)

F. CHAU & ASSOCIATES, LLC  
130 Woodbury Road  
Woodbury, New York 11797  
Tel.: (516) 692-8888  
Fax: (516) 692-8889  
FC:pg

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO.  8054-125 (LW8088PC/US)		SERIAL NO.  Unassigned	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)				APPLICANT  Hee-Seop KIM et al.			
				FILING DATE  Concurrently herewith		GROUP ART UNIT  N/A	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		6,195,140	2/27/01	Kubo et al.			
		2001/0026343	10/4/01	Kubo et al.			
		2002/0105614	8/8/02	Nakayama et al.			
		4,678,282	7/7/87	Yaniv et al.			
FOREIGN PATENT DOCUMENTS							
		PUBLICATION NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	ABSTRACT TRANSLATION
							YES      NO
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
EXAMINER				DATE CONSIDERED			
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

(Form PTO-1449 [6-4])